

Claims

[c1]

~~1. A method of raising the blood sugar level in a mammal having hypoglycaemia by reducing degradation of glucagon, said method comprising administering to said mammal a therapeutically effective amount of an effector for reducing enzymatic activity of dipeptidyl peptidase (DP IV) and DP IV-analogous enzymes.~~

[c2]

~~2. The method of claim 1, wherein the blood sugar level in the serum of mammalian organisms is raised above the glucose concentration characteristic of hypoglycemia.~~

[c3]

~~3. The method of claim 1, wherein the effector is selected from the group consisting of DP IV enzyme inhibitors, substrates of DP IV, pseudo-substrates of DP IV, inhibitors of DP IV expression, proteins that bind DP IV or antibodies to DP IV and combinations thereof.~~

C Pce.ys
bleci.

[c4]

~~4. The method of claim 1, wherein the effector for reducing enzymatic activity is employed together with glucagon or analogues thereof.~~

[c5]

~~5. The method of claim 1, wherein the effector for reducing enzymatic activity is employed in combination with physiologically acceptable adjuvants and/or excipients.~~

[c6]

~~6. A method for stimulating endogenous glucose production via glucagon stabilization in a mammal comprising the step of administering to said mammal a therapeutically effective amount of a Dipeptidyl peptidase IV inhibitor in a pharmaceutically acceptable preparation for reducing in said mammal the enzymatic activity of endogenous DP IV and thereby reducing degradation of glucagon.~~

Add B3